

1. A system for synchronizing data records between a network data server and a requesting client device comprising:

a network server software application;

2. The system of claim 1 wherein the network is the Internet network.

4. The system of claim 3 wherein the function used for creating identifiers is a cyclic redundancy check (CRC) function.

25 5. The system of claim 1 wherein the client updates the first table each time
the client receives records and notification of table updates, and sends the
updated table the next time data is requested.

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10. The method of claim 9 further comprising a step for sending a notification of the difference in the tables to the client.

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16. The method of claim 15, wherein formation of identifiers is accomplished at the host computer by a cyclic redundancy check process.